

# Geography

## Class VI

### Chap - 1

## The Earth in the Solar System

Answer the following questions

Q1. How does a planet differ from a star?

Ans: 1) Planets

2) Stars

(a) Planets do not have their own heat and light

(a) Stars have their own heat and light

(b) Planets are only eight in numbers

(b) Stars are uncountable

(c) Planets move around the sun

(c) Stars remain at fixed places

Q2 What is meant by the solar system?

Ans The Sun, eight planets, satellites and other celestial bodies known as asteroids and meteoroids form the 'Solar System'.

Q3 Name all the planets according to their distance from the Sun?

Ans The Planets according to their distance from the Sun are -

- 1) Mercury
- 2) Venus
- 3) Earth
- 4) Mars
- 5) Jupiter
- 6) Saturn
- 7) Uranus
- 8) Neptune

Note - (Students have to draw the diagram of Solar System on the left side in your copy page.)

Q4 Why is the Earth called a unique planet?

Ans The Earth is called a unique planet because -

- 1) It is the only planet where life has been found.
- 2) It provides all necessities of life to ~~turn~~ human beings so it is called the only habitable planet.
- 3) Our atmosphere has good amount of oxygen that makes life possible on earth.
- 4) Blanket of air effect our atmosphere and maintain the heat balance of the earth.

Q5 Why do we see only one side of the moon always?

Ans The moon moves around the Earth in about 27 days. It takes exactly the same time to complete one rotation about its axis. That is why we can see only one side of the moon.

Q6 What is the universe ?

Ans> The Universe is a vast infinite heavenly space which comprises all the heavenly (celestial) bodies. It includes stars, planets, dust, gases and several galaxies of stars. Thus, the universe is the whole body of all these stars and planets.